

Storeria dekayi dekayi* (Northern Brownsnake)*Priority 2 Species of Greatest Conservation Need (SGCN)****Class:** *Reptilia* (Reptiles)**Order:** *Squamata* (Lizards And Snakes)**Family:** *Colubridae* (Colubrids)**General comments:**

Previously, listing mostly based on “inadequate information”; cryptic and possibly under-surveyed; many MARAP reports need validation as sight IDs may be confused with *Storeia occipitomaculata*; appears to be limited to southern, coastal areas in ME; 2007 snake surveys in appropriate habitat failed to find any individuals

Species Conservation Range Maps for Northern Brownsnake:Town Map: [Storeria dekayi dekayi_Towns.pdf](#)Subwatershed Map: [Storeria dekayi dekayi_HUC12.pdf](#)**SGCN Priority Ranking - Designation Criteria:****Risk of Extirpation: NA****State Special Concern or NMFS Species of Concern:***Storeria dekayi dekayi* is listed as a species of Special Concern in Maine.**Recent Significant Declines: NA****Regional Endemic:**

Storeria dekayi dekayi's global geographic range is at least 90% contained within the area defined by USFWS Region 5, the Canadian Maritime Provinces, and southeastern Quebec (south of the St. Lawrence River).

Notes:

>90% of its range in the northeast

High Regional Conservation Priority: NA**High Climate Change Vulnerability: NA****Understudied rare taxa: NA****Historical: NA****Culturally Significant: NA****Habitats Assigned to Northern Brownsnake:****Formation Name Agricultural**

Macrogroup Name Agricultural

Habitat System Name: Pasture-Hay

Formation Name Coastal Scrub-Herb

Macrogroup Name Coastal Grassland & Shrubland

Habitat System Name: Coastal Grassland & Shrubland Macrogroup - Unknown Habitat System

Formation Name Developed

Macrogroup Name Urban-Suburban Built

Habitat System Name: Commercial-Industrial

Habitat System Name: Residential - High Intensity

Habitat System Name: Residential - Low Intensity

Habitat System Name: Residential - Medium Intensity

Habitat System Name: Residential - Rural-Sparse

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Stressor Priority Level based on Severity and Actionability		Moderate Severity	High Severity
	Highly Actionable	Medium-High	High
	Moderately Actionable	Medium	Medium-High
	Actionable with Difficulty	Low	Low

IUCN Level 1 Threat**Other Options****IUCN Level 2 Threat:** Lack of knowledge**Severity:** Moderate Severity**Actionability:** Highly actionable**Notes:** Range of brownsnake in Maine is not well understood so further surveys are needed to document distribution and ID populations**Species Level Conservation Actions Assigned to Northern Brownsnake:****Only species specific conservation actions that address high (red) or medium-high (orange) priority stressors are summarized here.*

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Implement targeted professional surveys to better understand the distribution and status of this species and to help direct conservation actions to newly documented populations

Stressor(s) Addressed By This Conservation Action

Lack of knowledge

Guild Level Conservation Actions:

This Species is currently not attributed to a guild.

Broad Taxonomic Group Conservation Actions:

Additional relevant conservation actions for this species are assigned within broader taxonomic groups in Maine's 2015 Wildlife Action Plan: Element 4, Table 4-1.

Habitat Based Conservation Actions:

Additional conservation actions that may benefit habitat(s) associated with this species can be found in Maine's 2015 Wildlife Action Plan: Element 4, Table 4-15. Click on the Habitat Grouping of interest to launch a habitat based report summarizing relevant conservation actions and associated SGCN.

The Wildlife Action Plan was developed through a lengthy participatory process with state agencies, targeted conservation partners, and the general public. The Plan is non-regulatory. The species, stressors, and voluntary conservation actions identified in the Plan complement, but do not replace, existing work programs and priorities by state agencies and partners.